3D model of WIFI Power consumption

**Saturation Region
(Max Power & Packet Loss)**

Weak Signal Wall

Power Consumption (W)

0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00

Power (Watts)

0.40
0.35
0.30
0.25
0.20
0.15
0.10

Required Rate (Mbps)

50
40
30
20
10
0

Signal Strength (RSSI dBm)

−90
−80
−70
−60
−50
−40
−30